

NATURAL RESOURCES CONSERVATION SERVICE

VIRGINIA

OPERATION AND MAINTENANCE REQUIREMENTS

UNDERGROUND OUTLET

CODE 620

Land Owner/Operator_____

County_____ SWCD_____ Farm/Tract No. _____

Prepared By_____ Date_____

OPERATION AND MAINTENANCE ITEMS

A properly operated and maintained underground outlet for water is an asset to your farm. This outlet was designed and installed to pressurize and convey water in a pipeline where it can be released without causing erosion. Estimated life span of this installation is at least _____ years. The life of the practice can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

This practice will require periodic maintenance and may also require operational items to maintain satisfactory performance. Your operation and maintenance program includes:

- At least semi-annually inspect the system to ensure proper function. Keep inlets, valves, gates, trash racks, rodent guards, trash guards, collection boxes, and structures clean and free of materials that can reduce the flow.
- Repair leaks and broken or crushed lines to insure proper functioning of the conduit.
- Check outlet conduit and animal guards to ensure proper functioning of the conduit. Remove all foreign debris that hinders system operation.
- Repair any eroded areas at the pipe outlet. Maintain a stable outlet by installing non-eroding materials as needed.
- Maintain design depth of cover on all pipelines and structures. Avoid operation of tillage and subsoiling equipment that could damage any component of the system.
- Limit traffic over pipeline to designated sections that were designed for traffic loads.
- Maintain vigorous growth of vegetative coverings. This includes reseeding, fertilization and application of herbicides when necessary. Periodic mowing may also be needed to control growth.
- Eradicate or otherwise remove all rodents or burrowing animals. Immediately repair any damage caused by their activity.

- Immediately repair any vandalism, vehicular or livestock damage.

Additional Operation and Maintenance Requirements Specific to this Plan:_____

[illegible]